

NWS CHANGE FORM PART A			1. DATE SUBMITTED 2/24/00
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE NWS SOUTHERN REGION	3. SUBMITTING AUTHORITY Name: Thomas H. Grayson Routing Code: W/SR4	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Victor W. Murphy Routing Code: W/SR42x1 Phone: 817-978-2627 x 130	5. ORIGINATOR TRACKING NUMBER SRH-679
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input checked="" type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____			7. WSH TRACKING NUMBER NWS 555 3/1/00
8. TITLE OF CHANGE Addition of a 14.4 kbps dedicated circuit from the KZLK WSR-88D to WFO SHV			
9. TYPE OF CHANGE <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) KLZK WSR-88D RPGOP WFO SHV AWIPS	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) A Southern Region initiative has been created to attempt to provide more robust WSR-88D NEXRAD coverage in Southwest Arkansas in response to user concerns. WFO Shreveport, LA (SHV) is the WFO responsible for issuance of public products over much of Southwest Arkansas.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) This SR initiative will be in effect only until the AWIPS SBN/WAN is capable of disseminating 18 NEXRAD products per volume scan to adjacent WFOs. Until then, the SR initiative calls for the installation of a 14. 4 kbps dedicated circuit from the existing vacant dedicated Port #4 on the WFO KLZK WSR-88D to the AWIPS at WFO SHV. Applicable modems would also have to be installed at WFO LZK. In addition, the AWIPS at WFO KSHV will need to be configured to ingest data from the KLZK WSR-88D via this narrowband circuit.			
13. ALTERNATE SOLUTIONS			
14. REQUIRED CHANGE DATE 3/23/00	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Implementation of Southern Region initiative to coincide with Congressional briefing given to Sen. Blanche Lincoln of ARK by Gen. Kelly and Bill Proenza, SR Director.		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		SIGNATURE
			DATE SIGNED
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE
			DATE SIGNED

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 555	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs)			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)		NWSH/OSO	\$700/mo \$1800 NRC
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits)			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E)		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.)	
12. IMPLEMENTATION/RETROFIT SCHEDULE		13. FACILITY INFORMATION (Attach facility drawings/plans.)	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) 14.4 kbps dedicated circuit, to be ordered by Chris White of NWSH. Applicable modems also required at WFO LZK RPG.		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each)		17. COORDINATION OF CHANGE WITH OTHER CHANGES	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.)		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.)	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.)		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.)	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)			

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 555	
3. CCB COST EVALUATION			
NWS COST \$	FAA COST \$	DOD COST \$	OTHER AGENCY COST \$ (SPECIFY)_____
TOTAL COST \$			
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify)_____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED		6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE
Order of a 14.4 kbps dedicated circuit from the WFO KLZK WSR-88D RPG to the AWIPS at WFO SHV Shipment of applicable modems to WFO KLZK. Final connection/installation of circuits at each end...at the RPG at KLZK and at the AWIPS at KSHV		3/23/00	Chris White, OSO152

